

<b>AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT</b>				1. CONTRACT ID CODE J		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NUMBER 0002		3. EFFECTIVE DATE 23 NOV 2005		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
6. ISSUED BY NAVAL SURFACE WARFARE CENTER, CARDEROCK, CODE 3352, KAREN VAN GIESEN 5001 SOUTH BROAD STREET PHILADELPHIA PA 19112-1043		CODE N65540		7. ADMINISTERED BY (If other than item 6) CODE			
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and ZIP Code)				(X)		9A. AMENDMENT OF SOLICITATION NO. N65540-05-R-0027	
				X		9B DATED (SEE ITEM 11) 27 OCT 2005	
						10A MODIFICATION OF CONTRACT/ORDER NO.	
						10B DATED (SEE ITEM 13)	
CODE		FACILITY CODE					
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input checked="" type="checkbox"/> is extended <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
<b>13. THIS ITEM ONLY APPLIES TO modifications of contracts/orders, it modifies the contract/order no. as described in item 14.</b>							
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.						
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).						
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:						
	D. OTHER (Specify type of modification and authority):						
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
1. The two questions that were previously answered under Amendment 0001 are hereby numbered Question (1) and Question (2).							
2. This amendment extends the closing date of the solicitation to 8 December 2005 at 2:00 P.M.							
3. This amendment provides answers to questions submitted by contractors.							
Continued							
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore change, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (type or print)				16A. NAME AND TITLE OF SIGNER (type or print)			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
_____ (Signature of person authorized to sign)				_____ (Signature of Contracting Officer)			

Question (3) C.3.5.2 a. states "all serviceable Stg 1 compressor blades shall be repaired" and C3.5.2 c. states "Replace Stg1 blades". Can you confirm if the USN require the removed S1 blades to be repaired and returned with the engine(s) or which requirement is correct.

Answer: NAVSEA requires that each HPC Stage 1 blade be removed, inspected and reworked with new mid-span carboloy pads regardless of incoming condition. NAVSEA requires all serviceable HPC Stage 1 blades to be reworked with new mid-span carboloy pads (full 20 mils, +/- 1 mil) and returned to the compressor rotor.

Question (4) The following sentence appears 13 times in the SOW, once after each paragraph from C.3.5.1 thru C.3.5.13. "Any conditions found that exceed the technical manual service limits require repair or replacement of component in accordance with the US Navy LM2500 depot level technical manuals." This is a new addition to the SOW. We are assuming that this repair or replacement of components will be Over and Above costs, not part of the disassemble and inspect work. Please let us know if our assumption is correct or not.

Answer. Please disregard this sentence throughout the solicitation. This amendment corrects the solicitation.

Question (5) Page 35 of the solicitation, under CLIN, there are only 2 numbers: 0001AA and 0001AB. Shouldn't there be 5 numbers?

Answer: Yes. This amendment corrects the solicitation.

Question (6) Please provide a list of Parts included in the Kits to be supplied by the USN per Section C3.4.1 of the Tender.

Answer: To view/download the list of parts for each technical directive referenced in Section C.3.4.1, the Contractor may visit the US Navy Marine Gas Turbine website at <https://mgt.navsses.navy.mil>. Click on "LM2500" under Engine Program section of website and then click on applicable section of Technical Directives under "View Technical Directives for the following categories" for complete interactive listing.

Question (7) Please explain the requirements and means for monitoring of Input Loads on the shipping of the GGs in USN Shipping Containers per Section C.6 of the Tender. I understand the requirement for air ride truck transportation over land but the requirement for these Input Loads tend to be more applicable if the GG was shipped in Transportation Skids rather than Containers. We would be happy to arrange a conference call with Eric to gain further clarification of this.

Answer: The shipping requirements defined in Section C.6 with respect to maximum input loads on the shipping container are presented in order to emphasize to the Contractor the requirement to use special care when shipping the gas generators. The shipping containers are equipped with vibration mounts to prevent damage to the engine bearings as long as the maximum input loads are not exceeded. The required use of a pneumatic suspension trailer or pneumatic suspension railcar when shipping via highway or rail is sufficient to ensure these input load requirements are met. The Contractor is not required to provide a means for monitoring the transportation input load requirement.

Question (8) Under SOW paragraph C.6. it states that we will be responsible for shipping the gas generators from Philadelphia to our facility. Under clause 52.211-8 it implies that the US Navy will ship the items. Please clarify. If it is your desire that we pick up the engines then we will require information regarding where they will be, who is responsible for putting them in the container, on the carrier, etc. The Government is self-insured and to provide transportation to our facility and back (FOB destination) will require the procurement of insurance which will add to your costs. Our commercial practice is to request the Government deliver assets to be repaired/overhauled to us then pick them up FOB Origin. Is this a consideration?

Answer: a. The first sentence in Paragraph 2 under Clause 52.211-8 will be corrected to read as follows: The contractors shall make arrangements for all 5 U.S. Navy LM2500 Gas Generators to be shipped to the contractor's facility within two weeks after award. b. NAVSEA is responsible for placing gas generators in shipping containers. NAVSEA is responsible for placing gas generator shipping containers on the contractor's chosen carrier. The Contractor is responsible for shipping containers from the time they are placed on the contractor's chosen carrier at NAVSEA Philadelphia to the Contractor facility and back following overhaul. The Contractor is also responsible for shipping any government furnished material to support overhauls from NAVSEA Philadelphia to Contractor's facility. The contractor is also responsible for insurance during transportation.

Question (9) Ref : C.3.3 Test Cell

The subject paragraph explains that certain information as provided by the bidder shall be "evaluated" in accordance with Section L of the solicitation". Please specify the content and requirements of Section L or advise the page number of the solicitation where the content of this section is reflected.

Answer: The last sentence in Paragraph 3 of Section C.3.3. Test Cell, will be corrected to read as follows:

The contractor's ability to demonstrate compilation of gas generator rebuild information in a gas generator overhaul report shall be evaluated in accordance with the PROPOSAL PREPARATION REQUIREMENTS on Page 36.

Question (10) REF : Page 36 (Proposal Preparation Requirements) & Page 37 ((2) Technical Proposal)

The subject paragraphs provide conflicting information as to the number of copies of the Technical Proposal to be furnished by the bidder. Please verify whether it is required to provide 3 copies (as stated on page 36) or 4 copies of the Technical Proposal (as stated on page 37).

Answer: An original and 3 copies are required. Sentence 3 under (2) Technical Proposal will be corrected as follows: The contractor shall submit one original and three copies of the Technical Proposal.

Question (11) REF : C.3.5.2. – Compressor Rotor & C.3.4.1 Upgrade Kits

The subject paragraph defines the requirement of HPC Blades Stage 1 replacement.

In the joint context of C.3.4.1 and C.3.5.2 it is our understanding that NAVSEA intends to provide the service provider with a full set of HPC Stage 1 Blades free of charge to be installed to the respective Gas Generator LM2500 in case that the set removed from the Gas Generator is revealed to be beyond repairable limits requiring replacement. It is further our understanding that the bidder is requested to include the cost of repair of the full set of Stage 1 Blades in the proposal price. Please verify whether our understanding is correct.

Answer: NAVSEA does not intend to provide replacement HPC Stage 1 blades; however, we do have the option to do so as a cost avoidance measure. This would be discussed during the work scope meeting negotiations between NAVSEA and the Contractor when all teardown and inspection results are presented by the Contractor.

NAVSEA requires that each HPC Stage 1 blade be removed, inspected and reworked with new mid-span carboloy pads regardless of incoming condition. The cost required to complete this repair requirement on a full set of HPC Stage 1 blades should be included in the Contractor's proposal. The cost for replacing any scrapped out blades with new should not be included in the Contractor's proposal since this is unknown and considered unforeseen work.

Question (12) Please advise about the estimated target date for shipment of the Gas Generators to the successful bidder.

Answer: The first sentence in Paragraph 2 under Clause 52.211-8 will be corrected to read as follows: The contractors shall make arrangements for all 5 U.S. Navy LM2500 Gas Generators to be shipped to the contractor's facility within two weeks after award.

Question (13) Delivery Point – When we look at Page 9 of 41 (52.247-34 and 52.247-55) and page 34 of 41 (C.6 Packaging and Shipping) contractor should be responsible from/to Philadelphia, PA for LM2500 TST GG and Government Furnished Property. Is our understanding correct?

Answer: Yes. The Contractor is responsible for shipping the LM2500 TST GG and Government Furnished Property from/to NAVSEA Philadelphia.

Question (14) Delivery Schedule – The delivery schedule is mentioned in page 9 of 41 of the solicitation. Is this requirement based on working day or calendar day?

Answer: The required delivery schedule is based on calendar days.

Question (15) Test Cell – It is mentioned in page 22 of 41, C.3.3 Test Cell, "The contractor shall provide as part of their testing proposal documentation to state if the US. Navy LM2500 gas generators will be tested with slave accessories." Does slave accessories mean Conic Nozzle and vibration pick-up (=velocitimer)? If it doesn't, could you define what the slave accessories mean?

Answer: The definition of Test Cell slave accessories does not include the conic nozzle and vibration pick-up. Slave accessories include the main fuel control, fuel pump, lube and scavenge pump, PLA actuator, CIT sensor and pneumatic starter.

Question (16) C.3.4.1 US Navy furnished gas turbine upgrade kits – In table 2 we can see two GTC's (GTC 75 & GTC 78R1) marked "No Kit Available". Could you tell me what this means? Should contractor furnish the required kit for the implementation of GTC 75 & GTC 78R1.

Answer: At the present time, the US Navy does not have GTC 75 or GTC 78R1 kits available for use on commercial contract overhauls. Since both of these gas turbine changes are mandatory upgrades (if it is confirmed during teardown and inspection that they have not been previously installed on the gas generator) the Contractor should consider the cost for procuring the material needed to install the upgrades in their proposal.

Question (17) C.3.5.7 High Pressure Turbine Stage 1 Nozzle – It is mentioned that b, "All serviceable HPT Stage 1 nozzles shall be provided with Platinum Aluminide (PtAl) coating". Whatever the contractor procure are new HPT Stage 1 Nozzle from GE applied with BC22 or Codep coating, etc. should contractor reapply Pt-Al Coating during overhaul?

Answer: Procurement of new HPT nozzles should not be considered by the Contractor when developing a proposal to meet the "minimum repair requirements" of Section C of this solicitation. The cost for the procurement of new replacement components like HPT blades or nozzles should not be included in the proposal and is considered unforeseen work (see Sections C.3.5 and C.7). The repair cost of serviceable HPT nozzles and blades should be included.

Question (18) Paragraph 1.e of Technical – (2) Technical Proposal (page 38 of 41). It is mentioned that "The contractor shall provide, as an attachment to their technical proposal, information concerning their prior efficiency in overhauling LM2500 gas generators for industrial or marine applications." What does efficiency mean? Please explain more specifically.

Answer: The US Navy requires a 125 calendar day turn around time for the complete overhaul of each engine as defined in Section C.3.9. The term "prior efficiency" applies to the time (calendar days) it has taken Contractors to completely overhaul LM2500 gas generators for other customers in the past. The US Navy uses this information to evaluate the past performance and ability of the Contractor to meet the US Navy 125 day turn around time requirement.

Question (19) In solicitation N65540-05-R-0027 (overhaul five TST GG) there are kits/parts listed in table 1 & 2 that the Navy will supply. Does the Navy expect the contractor to warranty the supplied kits that would be installed on each gas generator?

Answer: No.

### 3. Make the following changes to Solicitation N65540-05-R-0027:

a. Correct the first sentence in Paragraph 2 under Clause 52.211-8 to read as follows: The contractors shall make arrangements for all 5 U.S. Navy LM2500 Gas Generators to be shipped to the contractor's facility within two weeks after award.

b. Correct the last sentence in Paragraph 3 of Section C.3.3. Test Cell, to read as follows: The contractor's ability to demonstrate compilation of gas generator rebuild information in a gas generator overhaul report shall be evaluated in accordance with the PROPOSAL PREPARATION REQUIREMENTS on Page 36.

c. Delete the following sentence which is the last paragraph in every Section in Sections C.3.5.1 through C.3.5.13. "Any conditions found that exceed the technical manual service limits require repair or replacement of component in accordance with the US Navy LM2500 depot level technical manuals."

d. Make the following correction under Section C.6 Packaging and Shipping - Inspection and Acceptance Terms:

Delete Clins 0001AA and 0001AB and replace with 0001AA, 0002AA, 0003AA, 0004AA and 0005AA.

e. Revise Sentence 3 under (2) Technical Proposal to read as follows: The contractor shall submit one original and three copies of the Technical Proposal

### 4. All other terms and conditions remain the same.

(End of Summary of Changes)